U.S. Serial No. 10/657,363 Response to Restriction Requirement February 26, 2007 Page 2 of 7

## **AMENDMENTS TO THE CLAIMS:**

This listing of claims will replace all prior versions and listings of claims in the application.

## **Listing of Claims:**

1. - 48. (Canceled)

- 49. (Previously Presented) A method for preventing and/or treating a respiratory syncytial virus (RSV)-induced disease, the method comprising administering to a subject in need thereof a high affinity neutralizing immunoglobulin that specifically binds a RSV antigen with an affinity constant ( $K_a$ ) of at least  $10^{10} \,\mathrm{M}^{-1}$  as measured by surface plasmon resonance.
- 50. (Previously Presented) A method for preventing and/or treating a RSV infection, the method comprising administering to a subject in need thereof a high affinity neutralizing immunoglobulin that specifically binds to a RSV antigen with a  $K_a$  of at least  $10^{10}\,\mathrm{M}^{-1}$  as measured by surface plasmon resonance.
- 51. (Previously Presented) The method of claim 49, wherein the  $K_a$  is at least  $10^{11} \, \text{M}^{-1}$ .
- 52. (Previously Presented) The method of claim 50, wherein the  $K_a$  is at least  $10^{11}$   $M^{-1}$ .
- 53. (Previously Presented) The method of claim 49 or 50, wherein the high affinity neutralizing immunoglobulin has an  $IC_{50}$  in a microneutralization assay that is less than the  $IC_{50}$  of the reference antibody IX-493.
- 54. (Previously Presented) The method of claim 49 or 50, wherein the high affinity neutralizing immunoglobulin has an IC50 of 2  $\mu$ g/ml to 10  $\mu$ g/ml in a microneutralization assay.

U.S. Serial No. 10/657,363 Response to Restriction Requirement February 26, 2007 Page 3 of 7

- 55. (Previously Presented) The method of claim 49 or 50, wherein the high affinity neutralizing immunoglobulin specifically binds to a RSV F antigen.
- 56. (Previously Presented) The method of claim 49 or 50, wherein the high affinity neutralizing immunoglobulin binds to the same epitope on RSV as the antibody composed of a heavy chain variable region (VH) having the amino acid sequence SEQ ID NO:2 (Figure 1B) and a light chain variable region (VL) having the amino acid sequence SEQ ID NO:1 (Figure 1A).

## 57. – 72. (Cancelled)

- 73. (Currently Amended) The method of claim 51 or 52, wherein the high affinity neutralizing immunoglobulin comprises:
  - a VH CDR1 having the amino acid sequence TAGMSVG (SEQ ID NO:9);
  - a VH CDR2 having the amino acid sequence
    DIWWDDKKDYNPSLKS (SEQ ID NO:7);
  - c. a VH CDR3 having the amino acid sequence SMITNFYFDV (SEQ ID NO:11);
  - d. a VL CDR1 having the amino acid sequence SASSSVGYMH (SEQ ID NO:3);
  - e. a VL CDR2 having the amino acid sequence DTFKLAS (SEQ ID NO:12); and
  - f. a VL CDR3 having the amino acid sequence FQGSFYPFT (SEQ ID NO: 14) or FQGSYYPFT (SEQ ID NO:15).
  - 74. (Previously Presented) The method of claim 49 or 50, wherein the high affinity neutralizing immunoglobulin is a tetrameric antibody, a Fab fragment, an F(ab)'<sub>2</sub>, a heavy-light chain dimer, a single chain antibody, or a monoclonal antibody.
  - 75. (Previously Presented) The method of claim 49 or 50, wherein the high affinity neutralizing immunoglobulin is a humanized antibody.

U.S. Serial No. 10/657,363 Response to Restriction Requirement February 26, 2007 Page 4 of 7

76. – 78. (Cancelled)

79. (Previously Presented) The method of claim 73, wherein the high affinity neutralizing immunoglobulin is a tetrameric antibody, a Fab fragment, an F(ab)'<sub>2</sub>, a heavy-light chain dimer, a single chain antibody, or a monoclonal antibody.

80. - 82. (Cancelled)

- 83. (Previously Presented) The method of claim of claim 49 or 50, wherein the high affinity neutralizing immunoglobulin comprises a light chain variable region having the amino acid sequence of SEQ ID NO:23 and a heavy chain variable region having the amino acid sequence of SEQ ID NO:24.
  - 84. (Cancelled)
- 85. (Previously Presented) The method of claim 49 or 50, wherein the subject is a human.